

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L1    | 41222 | ((382/128,129,130,131,132,133,134) or (435/7.1,7.2,7.8,68.1,69.1,69.6,69.7,70.1,71.1,152,804) or (436/15,86) or (424/418,460,477,491) or (702/20)).CCLS. | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/13 11:04 |
| L2    | 15052 | 1 and databas\$4   | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/13 11:04 |
| L3    | 13699 | 2 and sampl\$4   | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/13 11:05 |
| L4    | 13503 | 3 and (tissu\$3 or cell or organ)  | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/13 11:05 |

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| L5 | 13366 | 4 and (detect\$4 or scan\$4)          | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:06 |
| L6 | 11747 | 5 and collect\$4                      | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:06 |
| L7 | 11492 | 6 and (memor\$4 or stor\$4 or buffer) | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:07 |
| L8 | 11369 | 7 and compar\$4                       | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:07 |

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| L9  | 4338 | 8 and record\$4     | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:09 |
| L10 | 4248 | 9 and protein\$4    | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:09 |
| L11 | 3598 | 10 and parameter\$4 | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:10 |
| L12 | 1807 | 11 and classif\$5   | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:11 |

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| L13 | 1682 | 12 and polypeptid\$4                  | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:12 |
| L14 | 1582 | 13 and pattern\$4                     | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:15 |
| L15 | 1161 | 14 and toxin                          | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:16 |
| L16 | 368  | 15 and (separat\$4 near4<br>sampl\$4) | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:17 |

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| L17 | 346 | 16 and unknown\$4 | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:18 |
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| L1    | 41222 | ((382/128,129,130,131,132,133,134) or (435/7.1,7.2,7.8,68.1,69.1,69.6,69.7,70.1,71.1,152,804) or (436/15,86) or (424/418,460,477,491) or (702/20)).CCLS. | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/13 11:04 |
| L2    | 15052 | 1 and databas\$4   | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/13 11:04 |
| L3    | 13699 | 2 and sampl\$4   | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/13 11:05 |
| L4    | 13503 | 3 and (tissu\$3 or cell or organ)  | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/13 11:05 |

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| L5 | 13366 | 4 and (detect\$4 or scan\$4)          | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:06 |
| L6 | 11747 | 5 and collect\$4                      | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:06 |
| L7 | 11492 | 6 and (memor\$4 or stor\$4 or buffer) | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:07 |
| L8 | 11369 | 7 and compar\$4                       | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:07 |

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| L9  | 4338 | 8 and record\$4     | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:09 |
| L10 | 4248 | 9 and protein\$4    | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:09 |
| L11 | 3598 | 10 and parameter\$4 | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:10 |
| L12 | 1807 | 11 and classif\$5   | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:11 |



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| L13 | 1682 | 12 and polypeptid\$4                  | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:12 |
| L14 | 1582 | 13 and pattern\$4                     | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:15 |
| L15 | 1161 | 14 and toxin                          | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:16 |
| L16 | 368  | 15 and (separat\$4 near4<br>sampl\$4) | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:17 |

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| L17 | 346 | 16 and unknown\$4                      | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>11:18 |
| L19 | 12  | 17 and (compar\$4 near4<br>unknown\$2) | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>12:22 |
| L22 | 11  | 19 and spectrometr\$4                  | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>12:23 |
| L23 | 9   | 22 and isoelectric\$4                  | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2005/04/13<br>12:24 |


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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

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| <input type="checkbox"/> | <p>4. <b>Study of protein sequence comparison metrics on the Connection Machine CM-2</b><br/> Lander, E.; Mesirov, J.P.; Taylor, W., IV;<br/> Supercomputing 88. Vol.II: Science and Applications. Proceedings<br/> 14-18 Nov. 1988 Page(s):2 - 12 vol.2<br/> <a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF(492 KB)</a> IEEE CNF</p>  |
| <input type="checkbox"/> | <p>5. <b>PROCANS: a protein classification system using a neural network</b><br/> Wu, C.H.; Whitson, G.M.; Montllor, G.J.;<br/> Neural Networks, 1990., 1990 IJCNN International Joint Conference on<br/> 17-21 June 1990 Page(s):91 - 96 vol.2<br/> <a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF(408 KB)</a> IEEE CNF</p>   |
| <input type="checkbox"/> | <p>6. <b>Analysis of secondary structure elements of proteins using indexing techniques</b><br/> Guerra, C.; Lonardi, S.; Zanotti, G.;<br/> 3D Data Processing Visualization and Transmission, 2002. Proceedings. First International Symposium on<br/> 19-21 June 2002 Page(s):812 - 821<br/> <a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF(318 KB)</a> IEEE CNF</p>   |



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25. **TEST: a Web-based T-cell epitope search tool**

Yingdong Zhao; Grover, L.; Simon, R.;

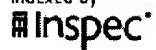
Computer-Based Medical Systems, 2001. CBMS 2001. Proceedings. 14th IEEE Symposium on  
26-27 July 2001 Page(s):493 - 497

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Dianjing Guo; Xingjing Li; Kamal, A.; Brazhnik, O.; Mendes, P.;

Bioinformatics Conference, 2002. Proceedings. IEEE Computer Society, 14-16 2002

Pages:343

[\[Abstract\]](#) [\[PDF Full-Text \(235 KB\)\]](#) IEEE CNF
**2 PRECIS: an automated pipeline for producing concise reports about proteins**

Lord, P.W.; Reich, J.R.; Mitchell, A.; Stevens, R.D.; Goble, C.A.;

Bioinformatics and Bioengineering Conference, 2001. Proceedings of the IEEE International Symposium on , 4-6 Nov. 2001

Pages:57 - 64

[\[Abstract\]](#) [\[PDF Full-Text \(58 KB\)\]](#) IEEE CNF
**3 Using natural language processing and the gene ontology to populate structured pathway database**

Dehoney, D.; Harte, R.; Lu, Y.; Chin, D.;

Bioinformatics Conference, 2003. CSB 2003. Proceedings of the 2003 IEEE , 1 Aug. 2003

Pages:646 - 647

[\[Abstract\]](#) [\[PDF Full-Text \(187 KB\)\]](#) IEEE CNF
**4 TC-DB: an architecture for membrane transport protein analysis**

Tran, C.V.; Yang, N.M.; Saier, M.H., Jr.;

Bioinformatics Conference, 2003. CSB 2003. Proceedings of the 2003 IEEE , 1

Aug. 2003  
Pages:658 - 659

[\[Abstract\]](#) [\[PDF Full-Text \(194 KB\)\]](#) IEEE CNF

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**5 hMiDas and hMitChip: new opportunities in mitochondrial bioinformatics and genomic medicine**

*Alesci, S.; Su, Y.A.; Chrousos, G.P.;*

Computer-Based Medical Systems, 2004. CBMS 2004. Proceedings. 17th IEEE Symposium on , 24-25 June 2004

Pages:329 - 334

[\[Abstract\]](#) [\[PDF Full-Text \(265 KB\)\]](#) IEEE CNF

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**6 Gene function, metabolic pathways and comparative genomics in ye**

*Dong, Q.; Rama Balakrishnan; Binkley, G.; Christie, K.R.; Costanzo, M.; Dolin K.; Dwight, S.S.; Engel, S.; Fisk, D.G.; Hirschman, J.; Hong, E.L.; Nash, R.; I Tarver, L.; Anand Sethuraman; Theesfeld, C.L.; Weng, S.; Botstein, D.; Cheri J.M.;*

Bioinformatics Conference, 2003. CSB 2003. Proceedings of the 2003 IEEE , 1 Aug. 2003

Pages:437 - 438

[\[Abstract\]](#) [\[PDF Full-Text \(211 KB\)\]](#) IEEE CNF

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**7 Large scale testing of chemical shift prediction algorithms and improved machine learning-based approaches to shift prediction**

*Arun, K.; Langmead, C.J.;*

Computational Systems Bioinformatics Conference, 2004. CSB 2004. Proceedings of the 2004 IEEE , 16-19 Aug. 2004

Pages:712 - 713

[\[Abstract\]](#) [\[PDF Full-Text \(360 KB\)\]](#) IEEE CNF

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**8 Bayesian classification of protein structural elements**

*Hunter, L.; States, D.J.;*

System Sciences, 1991. Proceedings of the Twenty-Fourth Annual Hawaii International Conference on , Volume: i , 8-11 Jan. 1991

Pages:595 - 604 vol.1

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